

4. (Amended) The method according to claim 3, characterised in that the sum $(I_1(x,y) + I_2(x,y))$ of the recorded intensities over the surface issued to obtain an essentially topographically neutral reflectance image of the surface.

5. (Amended) The method according to claim 1, characterised in that the intensity of the first image is recorded with light incident from a first direction and that the intensity of the second image is recorded with light incident from a second direction that is opposite to the reflection angle of the first direction.

6. (Amended) The method according to claim 1, characterised by calculation of the derivative of the area by

$$f'_x(x,y) = \frac{1}{\tan Y} \frac{I_1(x,y) - I_2(x,y)}{I_1(x,y) + I_2(x,y)}$$

where Y is the angle of incidence of the light.

8. (Amended) The method according to claim 7, characterised by integration of the derivative in order to obtain the height function of the surface.

9. (Amended) The method according to claim 1, characterised by polarisation of the incident light and thereto cross wise polarisation of the reflected light in order to eliminate reflections in the surface and obtain the said diffusely reflected light.

10. (Amended) The method according to claim 1, characterised in that the first image is recorded with light in a first wavelength region and that the second image is recorded with light in a second wavelength region, distinct from the first wavelength region.

12. (Amended) The method according to claim 11, characterised in that the first and the second images are recorded simultaneously.

13. (Amended) Use of the method according to claim 1 for determining the topography of a paper surface.

Please add new claims 14 and 15 as follows:

14. The method according to claim 6, characterized by integration of the derivative in order to obtain the height function of the surface.

15. The method according to claim 10, characterized in that the first and the second images are recorded simultaneously.

REMARKS

By this Preliminary Amendment, certain claims have been amended to eliminate multiple dependent claims.

Early and favorable consideration of this application is respectfully requested.